Key Features List

23,6” LCD FHD DVB-T/C MPEG4 TV

Model: SZTV-24LEDG5

Main board: MSD308

PICTURE:

BRIEF:

- **LED FHD LCD panel**
- **Slim cabinet design (designed by Ed-Design, Finland)**
- **Sensor touch pad front keyboard**
- **ATV and DVB-T/C**
- **MPEG4 decoding**
- **CI Common Interface**
- **Media Player (photo, music, video)**
- **PVR/TSR functionality**
- **2xHDMI, 1xUSB connectors**
- **2x10W powerful sound (2%THD)**
- **Wall mounting 100x100mm by VESA standard**

CABINET:

- Type: INNO 81
- Front cabinet: glass

- Back cabinet: plastic ordinary black
- Stand: plastic UV black
- Connectors: on the cabinet side
- **Thickness: 39mm**

PANEL:

- Panel resolution: 1920 x 1080 pixels (16:9);
- Response time: 3.5 ms;
- Brightness: 300 nit;
- Contrast ratio: 1000:1
- Viewing angle: 178(H)/170(V);
- Colors: 16,7 M

ANALOG TV FUNCTIONS:

- Analog hyperband terrestrial TV Tuner (PLL) E2 - S6(VHF-L), S7 - S41(VHF-H), E21 - E69(UHF) , bandwidth: from 49 to 863 MHz.
- TV Standard PAL / SECAM color system receiving
- Auto color system detection
- BG / DK / I / L and NICAM / A2 STEREO sound system receiving
- Automatic sound system recognition
- TV Standard in video mode PAL / SECAM color system receiving
- 100 program memory
- DNR (Dynamic Noise Reduction)
- 3D Comb Filter
- 3D de-interlacing
- Picture adjustment
- Manual channel tuning
- Manual program labeling
- Automatic channel tuning and store
- Manual programs sorting
- Auto standby mode after 5 minutes, while no input signal
- Picture zoom: 4:3, 16:9 , ZOOM1, ZOOM2
- Picture mode selection
- Volume and Balance control
- Sound mode selection
- OSD (on screen display) high - performance
- Sleep timer
- Blue screen function when no signal
- Full function remote control hand-unit
- Teletext 750 pages
- YPbPr formats: 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- HDMI 1.3 formats: 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- VGA max resolution - 1920X1080@60Hz
- Power voltage 220VAC (12VDC optionally)

DIGITAL TV FUNCTIONS:

- DVB- T/C functions:
  - DVB standard: EN 300 744
  - FEC: Reed-Solomon 1/2, 2/3, 3/4, 5/6, 7/8
  - Modulation: COFDM QPSK, 16QAM, 64QAM

    - FFT size: 2k, 8k;
    - Guard interval: 1/32, 1/16, 1/8, 1/4
- DVB definition:
    - SD 576p
- DVB FTA TV reception;
- DVB FTA Radio reception;
- Video decoding:
    - MPEG-2 MP@ML
    - MPEG-4 H.264
- Audio decoding:
    - MPEG-1/MPEG-2 layers 1, 2
- CA (Conditional Access) functions:
    - CI (Common Interface)
    - DVB scrambled TV reception (with external CI CAM module) ;
    - DVB scrambled Radio reception (with external CI CAM module);
- EPG 7days;
- Real time clock EPG timer;
- Country setting;
- Subtitles;
- LCN (Logical Channel Number);
- DVB Teletext (optional);
- MHEG-5 (optional).

MEDIA FUNCTIONS:

- USB Media player:
    - Photo (JPG, JPEG)
    - Music (MP3, WMA)
    - Video (MPEG1, MPEG2, AVI);
- USB PVR
    - Manual program recording
    - Program recording by EPG timer
    - TSR (Time Shift Recording)
- USB storage device:
    - Flash memory stick
    - HDD
- USB SW update

INPUT/OUTPUTS:

- HDMI1.3: 2x connectors
- USB2.0: 1x connector
- VGA video input: 1x 15D-SUB connectors
- VGA audio input: 1x 3.5mm mini-jack connector
- CI: 1x PCMCAI connector
- AV audio/video input: 1x 3.5mm mini-jack connector
- YPrPb (component) input: 1x 3.5mm mini-jack connector
- HP (Headphones): 1x 3.5mm mini-jack connector
- RF aerial input: 1x connector
- SCART 1x connector
- 12VDC 1xconnector for external 12V power

LOCAL CONTROL:

- Front sensor (touchpad) keyboard:
  - 7 keys: SOURCE, CH-, CH+, VOL-, VOL+, MENU, POWER
- 220VAC power switch
- Full-function IR remote control

POWER SAVINGS:

- Power consumption in standby mode: <1W
- Power consumption in power off mode: 0 W
- Auto standby, while no signal within: 5 minutes
- Max power consumption: 40 W

OSD LANGUAGES:

- Bulgarian
- Croatian
- Czech
- Danish
- English
- Estonian
- Finnish
- French
- German
- Greek
- Hungarian
- Italian
- Latvian
- Lithuanian
- Norwegian
- Polish
- Portuguese
- Romanian
- Russian
- Slovakian
- Slovenian
- Spanish
- Swedish
- Dutch
- Serbian
- Russian

QUALITY PARAMETERS:

- Approved certificates: EMC, EMI, LVD, RoHS, PAH, VDE
- Approved standards: DVB, Nordig2.0, DTG

DIMENSIONS:

- Thickness: 39,2 mm
- Max dimensions: 580 x 39,2 x 370 mm (without stand)
- Max dimensions: 580 x 180 x 400 mm (with stand)

NET WEIGHT:

- 6,0 kg